

## CLAIMS

What is claimed is:

- 1           1.     A method comprising:  
2           generating a packet in response to a predetermined event;  
3           storing the packet locally;  
4           forwarding the packet with a client messaging application to a server messaging  
5           application via a network connection managed by the client messaging application; and  
6           dispatching the packet with the server messaging application to a messaging  
7           handler that processes the packet.
- 1           2.     The method of claim 1 wherein the packet includes a target identifier and  
2           a variable length data field.
- 1           3.     The method of claim 2 wherein the messaging server application selects a  
2           messaging handler from a plurality of messaging handlers based on the target identifier.
- 1           4.     The method of claim 1 further comprising:  
2           generating an acknowledge message in response to the packet being dispatched to  
3           the messaging handler; and  
4           communicating the acknowledge message from the messaging server application  
5           to the messaging client application.

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1           5.       The method of claim 4 wherein further comprising dropping the packet  
2 from the local storage in response to the acknowledge message being received by the  
3 messaging client application.

1           6.       An article comprising a machine-accessible medium to provide machine-  
2 readable instructions that, when executed, cause one or more electronic systems to:  
3           generate a packet in response to a predetermined event;  
4           store the packet locally;  
5           forward the packet with a client messaging application to a server messaging  
6 application via a network connection managed by the client messaging application; and  
7           dispatch the packet with the server messaging application to a messaging handler  
8 that processes the packet.

1           7.       The article of claim 6 wherein the packet includes a target identifier and a  
2 variable length data field.

1           8.       The article of claim 7 wherein the messaging server application selects a  
2 messaging handler from a plurality of messaging handlers based on the target identifier.

1           9.       The article of claim 6 further comprising sequences of instructions that,  
2 when executed, cause the one or more electronic systems to:  
3           generate an acknowledge message in response to the packet being dispatched to  
4 the messaging handler; and

5           communicate the acknowledge message from the messaging server application to  
6   the messaging client application.

1           10.    The article of claim 9 wherein further comprising sequences of  
2   instructions that, when executed, cause the one or more electronic systems to drop the  
3   packet from the local storage in response to the acknowledge message being received by  
4   the messaging client application.

1           11.    A computer data signal embodied in a data communications medium  
2   shared among a plurality of network devices comprising sequences of instructions that,  
3   when executed, cause one or more electronic systems to:  
4           generate a packet in response to a predetermined event;  
5           store the packet locally;  
6           forward the packet with a client messaging application to a server messaging  
7   application via a network connection managed by the client messaging application; and  
8           dispatch the packet with the server messaging application to a messaging handler  
9   that processes the packet.

1           12.    The computer data signal of claim 11 wherein the packet includes a target  
2   identifier and a variable length data field.

1           13.     The computer data signal of claim 12 wherein the messaging server  
2 application selects a messaging handler from a plurality of messaging handlers based on  
3 the target identifier.

1           14.     The computer data signal of claim 11 further comprising sequences of  
2 instructions that, when executed, cause the one or more electronic systems to:  
3           generate an acknowledge message in response to the packet being dispatched to  
4 the messaging handler; and  
5           communicate the acknowledge message from the messaging server application to  
6 the messaging client application.

1           15.     The computer data signal of claim 14 wherein further comprising  
2 sequences of instructions that, when executed, cause the one or more electronic systems  
3 to drop the packet from the local storage in response to the acknowledge message being  
4 received by the messaging client application.

1           16.     A network architecture comprising:  
2           a client electronic system having one or more processors to run one or more  
3 programs and a memory system coupled to the processor, the memory system to store  
4 one or more message packets, wherein the one or more processors also runs a messaging  
5 client that forwards message packets stored in the memory system; and  
6           a server electronic system coupled to the client electronic system, the server  
7 electronic system having one or more processors to run one or more programs in a

8 memory system coupled to the processor, wherein the one or more processors runs a  
9 messaging server that receives forwarded messages from the messaging client and  
10 processes the messages in a predetermined manner.

1 17. The network architecture of claim 16 further comprising a second client  
2 electronic system having one or more processors to run one or more programs and a  
3 memory system coupled to the processor, the memory system to store one or more  
4 message packets, wherein the one or more processors also runs a messaging client that  
5 forwards message packets stored in the memory system, and further wherein the one or  
6 more processors runs a messaging server that receives forwarded messages from the  
7 messaging client of the second client electronic system and processes the messages in a  
8 predetermined manner.